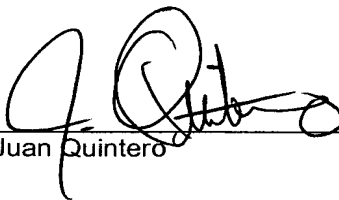


**IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE**

Applicants:	Flora Tak Tak Ng et al.	)	I hereby certify that this paper is being
Serial No.:	10/582,333	)	deposited with the United States Postal
Filed (I.A.):	December 10, 2004	)	Service, on <b>October 30, 2006</b> , in an
Title:	COMPOSITE CATALYST FOR	)	envelope addressed to Mail Stop PCT,
	THE SELECTIVE	)	Commissioner for Patents, PO Box 1450,
	OLIGOMERIZATION OF	)	Alexandria, Virginia 22313-1450, utilizing
	LOWER ALKENES AND THE	)	the "Express Mail Post Office to
	PRODUCTION OF HIGH	)	Addressee" service of the United States
	OCTANE PRODUCTS	)	Postal Service under Mailing Label No.
Group Art Unit:	To be assigned	)	EV 686096441 US.
Examiner:	To be assigned	)	
NEW Attorney Docket No.:	28870/38753	)	

  
\_\_\_\_\_  
Juan Quintero

**PRELIMINARY AMENDMENT**

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Prior to examination on the merits, please amend the above-identified patent application as set forth herein.

Amendments to the claims begin on page **2** of this paper.

Remarks begin on page **10** of this paper.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER 28870/38753
INTERNATIONAL APPLICATION NO. PCT/CA2004/002111	INTERNATIONAL FILING DATE December 10, 2004	U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/582,333
TITLE OF INVENTION COMPOSITE CATALYST FOR THE SELECTIVE OLIGOMERIZATION OF LOWER ALKENES AND THE PRODUCTION OF HIGH OCTANE PRODUCTS		PRIORITY DATE CLAIMED December 12, 2003
APPLICANT(S) FOR DO/EO/US Flora Tak Tak Ng et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371. 2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).		
<b>Items 11 to 20 below concern document(s) or information included:</b>		
11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).		

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/582,333</b>		INTERNATIONAL APPLICATION NO. <b>PCT/CA2004/002111</b>		ATTORNEY'S DOCKET NUMBER <b>28870/38753</b>	
20. <input type="checkbox"/> Other items or information:					
The following fees have been submitted				<b>CALCULATIONS</b>	<b>PTO USE ONLY</b>
21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300				\$	
22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0 All other situations .....\$200				\$	
23. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) .....\$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....\$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....\$400 All other situations .....\$500				\$	
<b>TOTAL OF 21, 22 and 23 =</b>				<b>\$ 0.00</b>	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250.00	\$	
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$ 0.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	47 - 20 =	0	x 50.00	1,350.00	
Independent claims	3 - 3 =	0	x 200.00	0.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+		
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$ 1,350.00</b>	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				675.00	
<b>SUBTOTAL =</b>				<b>\$ 0.00</b>	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$ 0.00	
<b>TOTAL NATIONAL FEE =</b>				<b>\$ 0.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$ 0.00	
				\$	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$ 675.00</b>	
				Amount to be refunded:	\$
				Amount to be charged	\$

11/03/2006 ATRAN1 00000122 10582333  
01 FC:2615 675.00 OP

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- a. ☒ A check in the amount of \$ 675.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 13-2855. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

  
SIGNATURE

Sandip H. Patel  
NAME

CUSTOMER NUMBER: 04743

43,848  
REGISTRATION NUMBER

Application No. (if known): 10/582,333

Attorney Docket No.: 28870/38753

## Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this paper is being deposited with the United States Postal Service, on **October 30, 2006**, in an envelope addressed to Mail Stop PCT, Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450, utilizing the "Express Mail Post Office to Addressee" service of the United States Postal Service under Mailing Label No. EV 686096441 US.

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on October 30, 2006  
Date

  
Signature

Juan Quintero

Typed or printed name of person signing Certificate

Registration Number, if applicable

(312) 474-6300  
Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Preliminary Amendment  
Transmittal Letter to the United States Designated-Elected Office  
(3 pages)